

QUERY CONTROL FORM		PA-20C RTIS USE ONLY	
Application No. <u>09/973,208</u>	Prepared by <u>Lois Stone</u>	Tracking Number <u>5983865</u>	
Examiner-GAU <u>Crispin - 1733</u>	Date <u>8/19/04</u>	Week Date <u>7/19/04</u>	
	No. of queries <u>1</u>	<u>EFW</u>	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE	
a. Page Missing	<p><u>Notice of Allowability / Examiner's Amendments dated 6/25/2004 mention amendments that have not been scanned.</u></p> <p><u>26 claims dated 1/6/2004 are to be used - renumbered claims 1 and 19 (original claims 25 and 26) depend on canceled claim 24, and renumbered claims 13 to 18 (original claims 18 to 22) depend on canceled claim 17.</u></p> <p><u>Please advise.</u></p>	
b. Text Continuity		
c. Holes through Data		
d. Other Missing Text		
e. Illegible Text		
f. Duplicate Text		
g. Brief Description		
h. Sequence Listing		
i. Appendix		
j. Amendments		
k. Other	<p style="text-align: right;"><u>Thank you,</u></p> <p style="text-align: right;">initials <u>WJ</u></p>	
CLAIMS		
a. Claim(s) Missing		
<u>b. Improper Dependency</u>		
c. Duplicate Numbers		
d. Incorrect Numbering		
<u>e. Index Disagrees</u>		
f. Punctuation		<p>RESPONSE</p>
g. Amendments		
h. Bracketing		
i. Missing Text		
j. Duplicate Text		
k. Other		
	initials	

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jim Bradley on 6/18/04.

The application has been amended as follows: The claims have been amended as in the attachment of pages 5-12 and the specification has been amended as on page 13.

Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance: regarding claims 4-12, 19, 22, 23, 25, and 26, the prior art of record does not teach or fairly suggest leveling the z-pins while the peel plies are present so as to form a stubble of z-pins of the same height. While cutting the z-pins flush is known as shown by Childress(U.S Patent 5,935,680), this occurs at the end of the formation of the joint and is not intended to level the pins to form a stubble of z-pins of the same height. Regarding claim 18, while de-bulking is known in general in the resin impregnating arts, there is no suggestion in the art to de-bulk the composite after application of the peel plies and before insertion of the z-pins. Regarding claim 20, while it is known in the art to use non-porous films as release layers, the prior art of record does not teach or fairly suggest placing a non-porous film between two peel plies, particularly since the z-pins

6/28/04